

What is claimed:

- 1 1. An isolated, purified or recombinant polynucleotide encoding the PAPAP
2 polypeptide of SEQ ID No 2.

- 1 2. An isolated, purified or recombinant polynucleotide comprising the nucleotide
2 sequence of SEQ ID No. 1 or the complement thereof. .

- 1 3. A recombinant vector comprising the polynucleotide of claim 1. .

- 1 4. A host cell comprising the recombinant vector of claim 3. .

- 1 5. A non-human host animal or mammal comprising the recombinant vector of
2 claim 3. .

- 1 6. The polynucleotide of claim 1, further comprising a label. .
- 1 7. A purified or isolated PAPAP polypeptide encoded by the nucleotide sequence
2 of SEQ ID No 1. .
- 1 8. A purified or isolated PAPAP polypeptide comprising the amino acid sequence
2 of SEQ ID No 2. .
- 1 9. A method for producing a PAPAP polypeptide, said method comprising:
2 providing a host cell comprising the recombinant vector of claim 1;
3 culturing said host cell under conditions conducive to the expression of said
4 PAPAP polypeptide;
5 recovering the PAPAP polypeptide produced by said host cell. .

1 10. An isolated or purified antibody composition that selectively binds to the polypeptide
2 of claim 8. .

1 11. A method for specifically detecting the presence of a PAPAP polypeptide in a
2 biological sample, said method comprising:
3 a) bringing into contact the biological sample with an antibody that
4 specifically binds to the PAPAP polypeptide of claim 8; and
5 b) detecting the antigen-antibody complex formed between said antibody and
6 said polypeptide. .

1 12. A method for the screening of a candidate substance, said method comprising:
2 providing the polypeptide of claim 8;
3 bringing into contact said polypeptide with said candidate substance;
4 determining whether a complex forms between said polypeptide and said
5 candidate substance. .

- 1 13. A method for the screening of a candidate substance, said method comprising:
- 2 a) cultivating a prokaryotic or a eukaryotic cell that has been transfected with a
- 3 nucleotide sequence encoding a PAPAP protein, placed under the control of its
- 4 own promoter;
- 5 b) bringing into contact the cultivated cell with said candidate molecule;
- 6 c) detecting the expression of said PAPAP protein in the presence of said
- 7 candidate molecule. .